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(71) Applicant (for all designated States except US): ELECTROMAGNETIC GEOSERVICES AS [NO/NO]; Stiklestadveien 1, N-7041 Trondheim (NO).

(71) Applicant (for IS only): REES, David, Christopher [GB/GB]; Kilburn & Strode, 20 Red Lion Street, London WC1R 4PJ (GB).

(72) Inventor; and

(75) Inventor/Applicant (for US only): SODAL, Audun [NO/NO]; Hasselbakkveien 10, 7053 Ranheim (NO).

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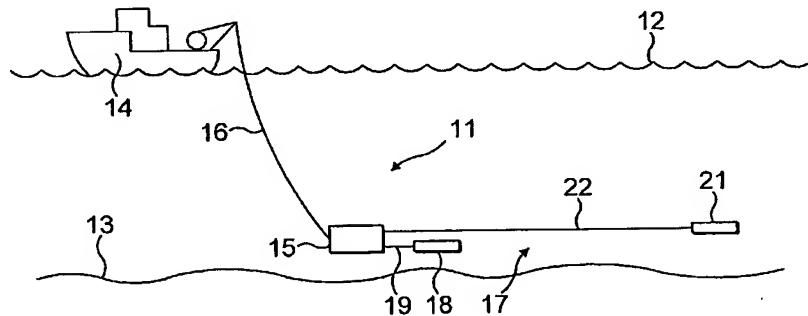
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(54) Title: TRANSMITTER ANTENNA



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(57) Abstract: The present invention provides a transmitter antenna for use in Electromagnetic (EM) surveying beneath the ocean floor. The transmitter antenna according to the present invention comprises a current source (not shown) and a dipole antenna (17), the dipole antenna comprising a first electrode (18) mounted on a cable (19) and located near to the current source and a second electrode (21) mounted on a cable (22) and located further away from the current source, each electrode being electrically connected to the current source. The transmitter antenna may be deployed by being towed behind a vessel (14).